

FIG. 1

THE PRACTICE OF SURGICAL PATHOLOGY Conventional Pathway From Surgery to Tissue Diagnosis

DAY 1

Surgery → "grossing" → batching of specimens → batched
specimens input into processor → overnight processing

DAY 2

Batched specimens output from processor → block →
microtomy → H&E stain → diagnosis

INTERVAL OF TIME FROM SURGERY TO
DIAGNOSIS: >22 HOURS

FIG. 2

THE PRACTICE OF SURGICAL PATHOLOGY Continuous Throughput Method-Pathway From Surgery to Tissue Diagnosis

DAY 1

Surgery → "grossing" → continuous every 15 min specimens input
into 45 min processing system → continuous every 15 min output
of specimens from system → block → microtomy → H&E stain →
diagnosis

INTERVAL OF TIME FROM SURGERY TO
DIAGNOSIS: <2 HOURS

FIG. 3

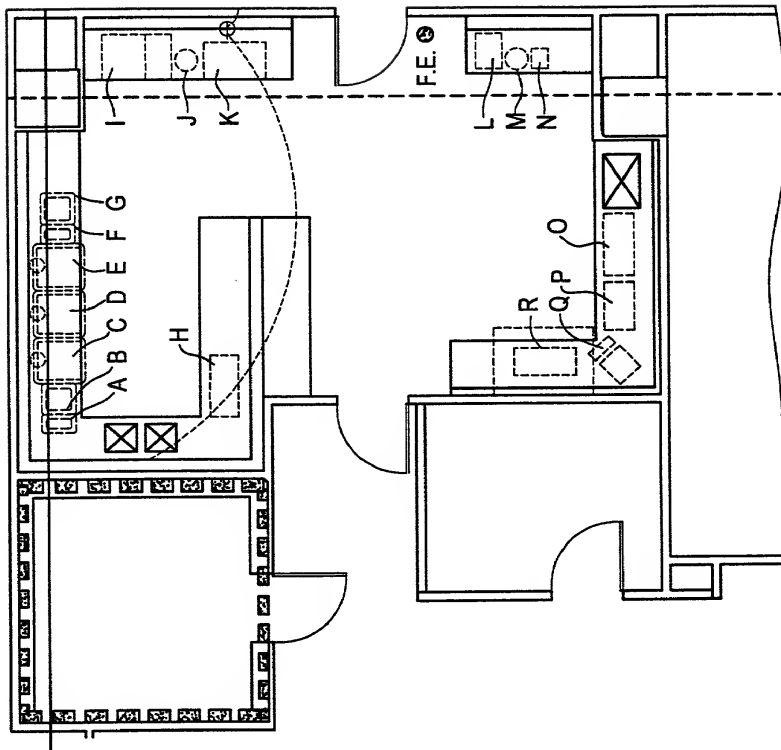


FIG. 4

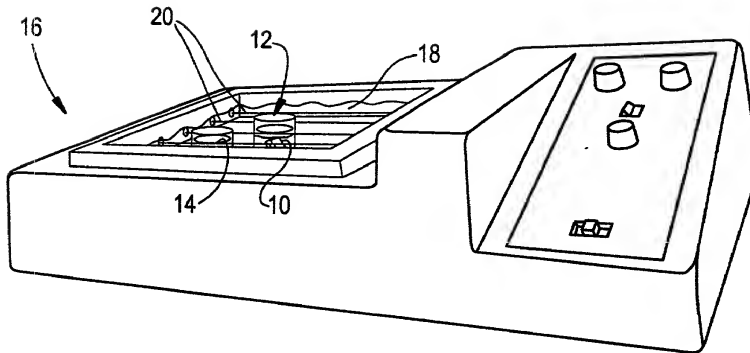


FIG. 5

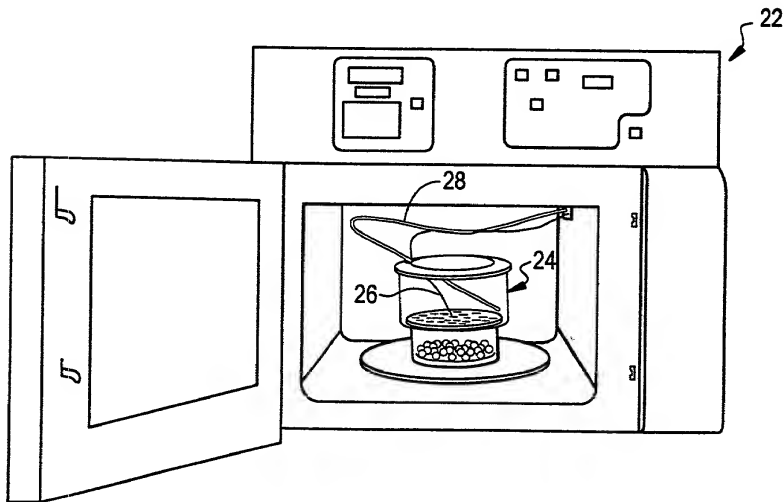


FIG. 6

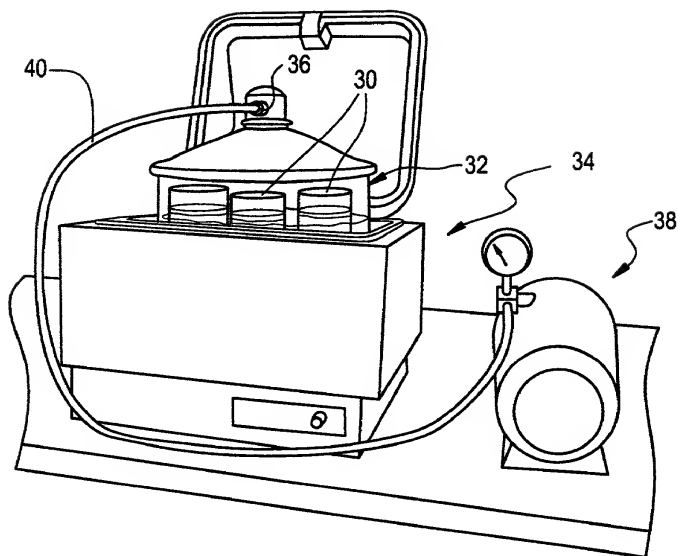


FIG. 7

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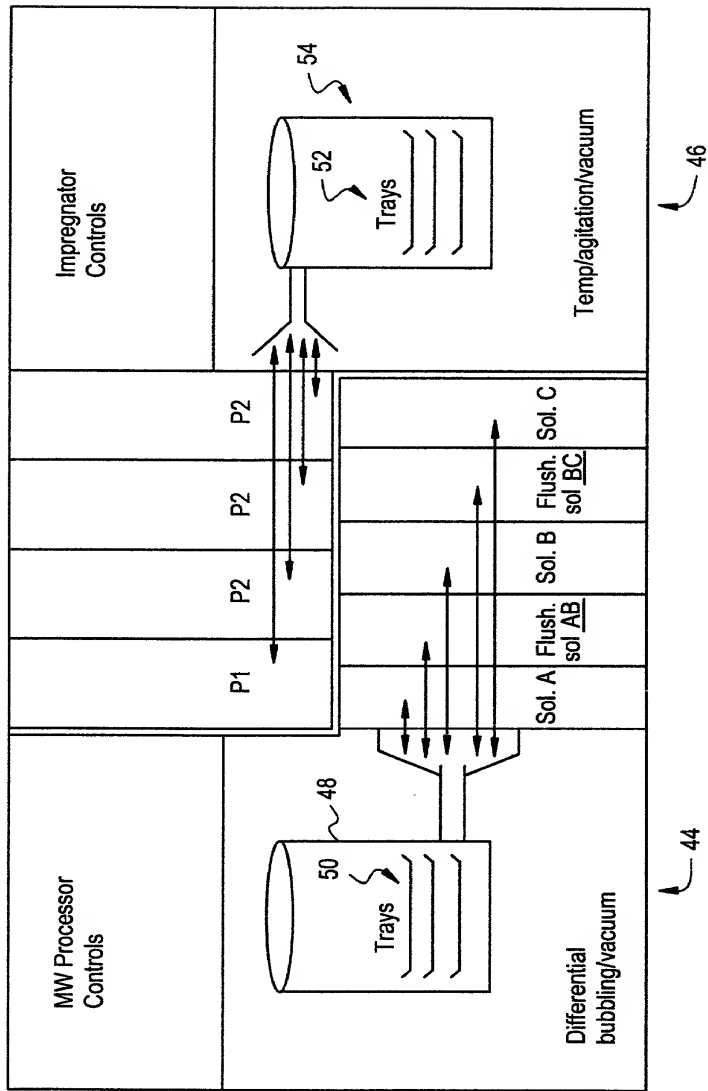


Fig 8 A

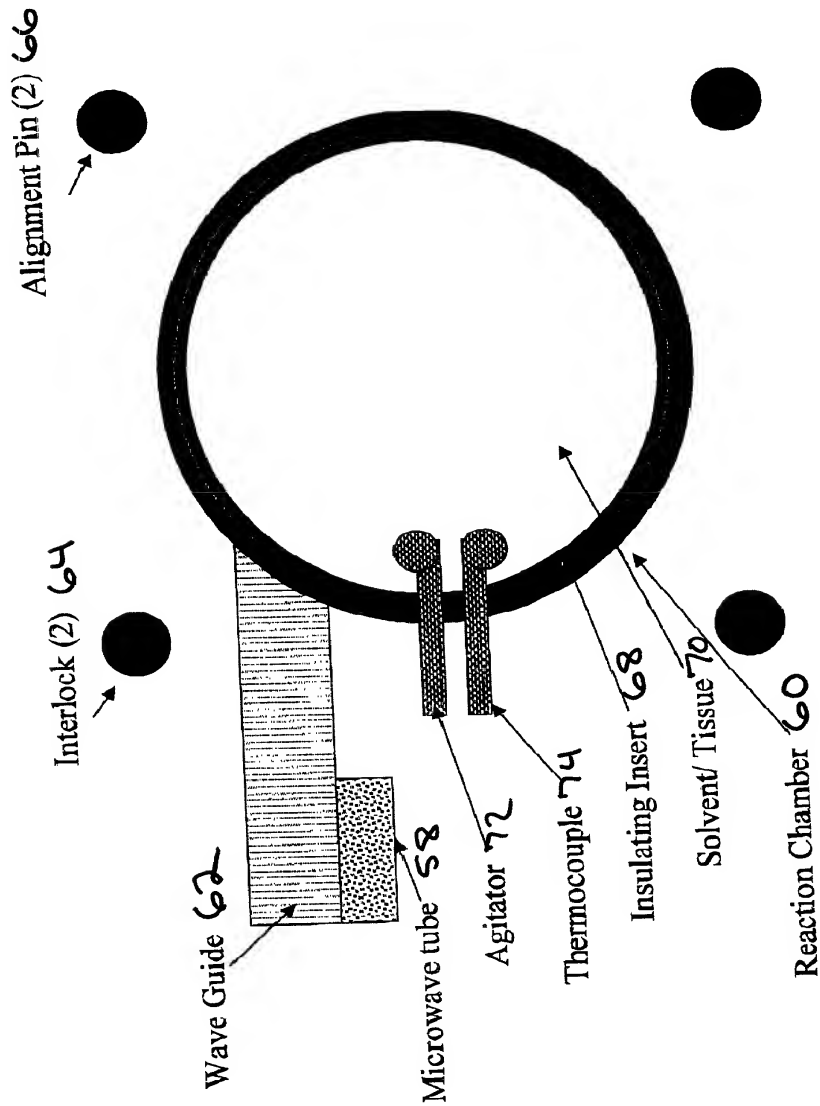


Fig 8 B

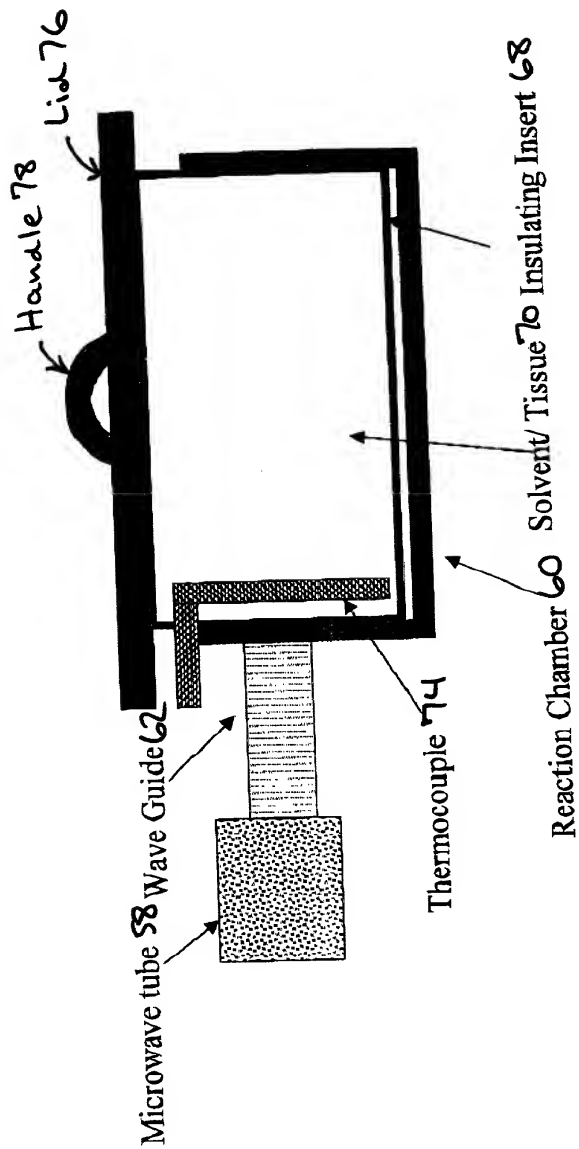


Fig 8C

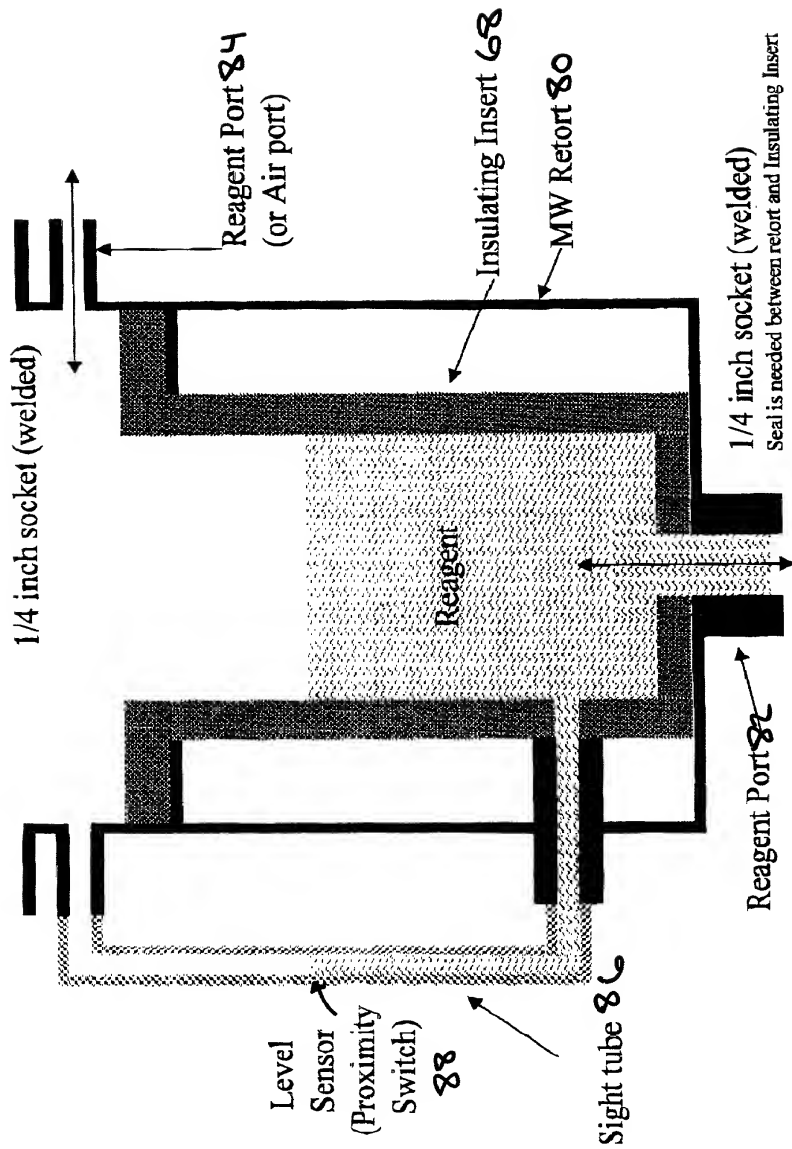


Fig 9

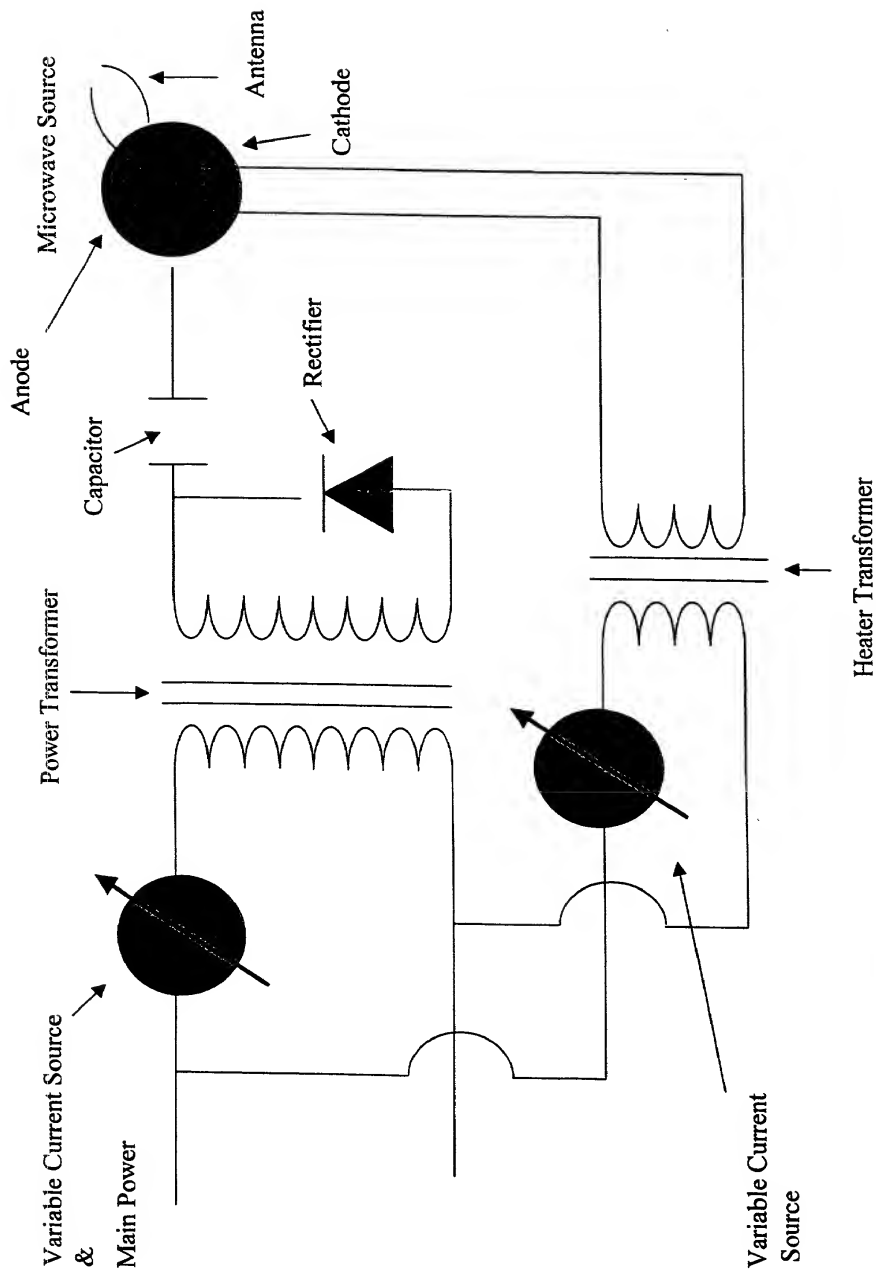


Fig 10

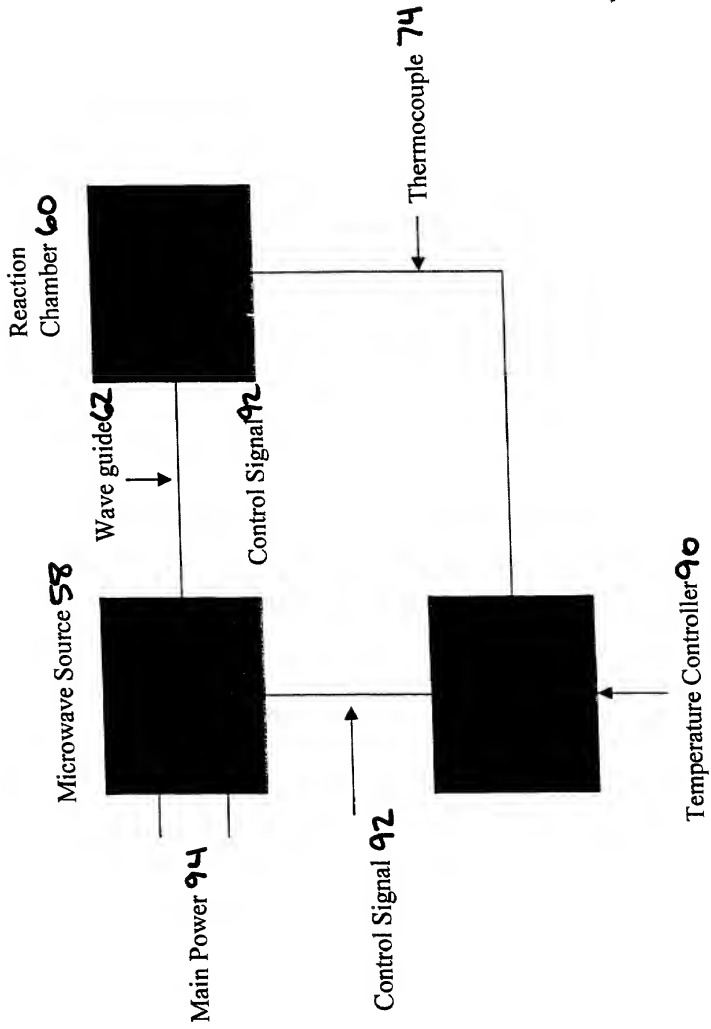


Fig 11
Impregnation Station

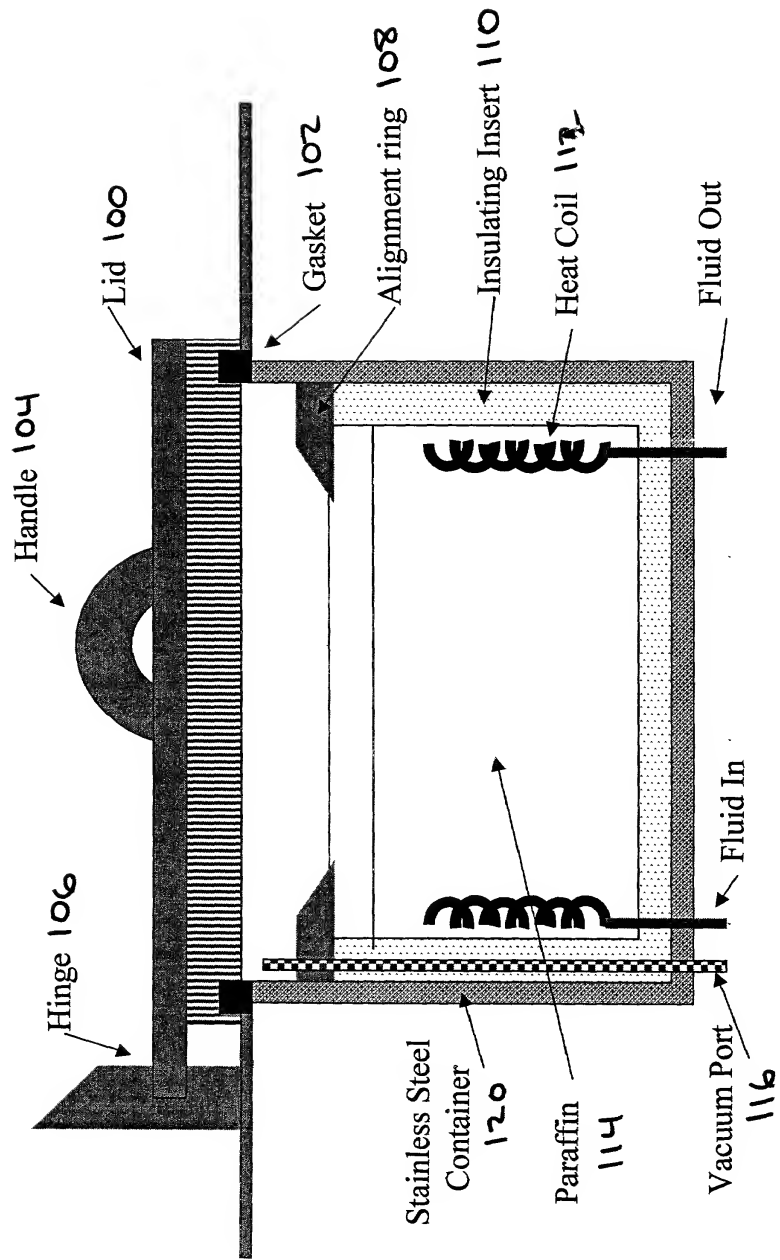


Fig 12

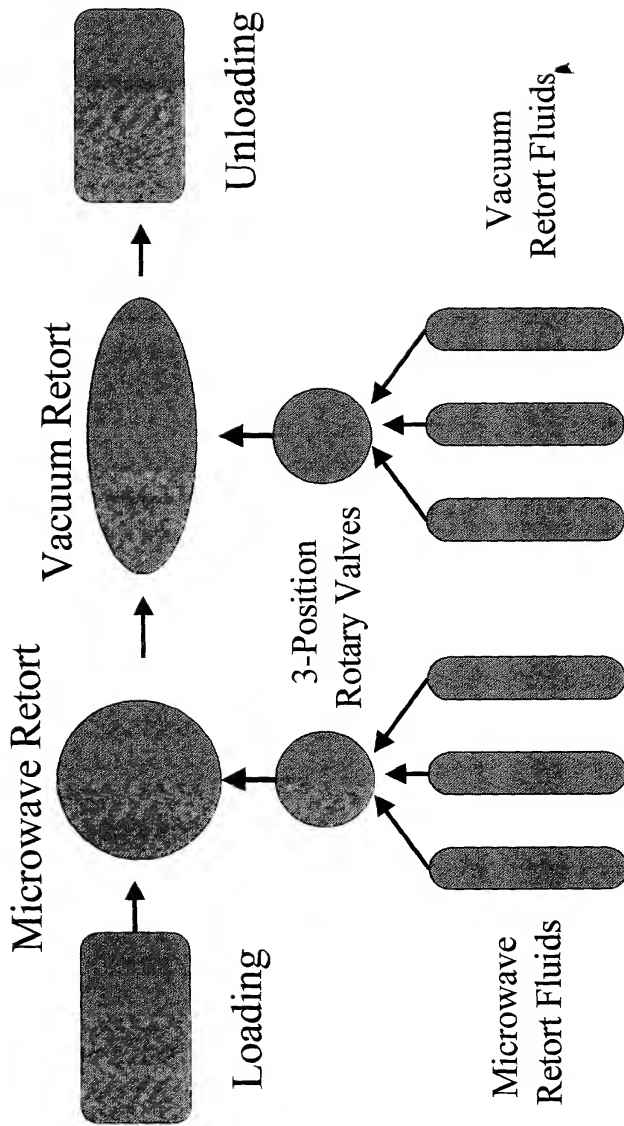


Fig 13

